

A. Permit Certificate

**MUNICIPAL  
WASTEWATER-LAND APPLICATION PERMIT  
LA-000048-03**

**The City of Richfield, P.O. Box 97, Richfield, Idaho 83349, LOCATED  
IN Lincoln County; Township 4S, Range 19 East, Section 26; IS**  
HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND  
OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE  
WITH THE WASTEWATER REUSE RULES (IDAPA 58.01.17) AND  
WASTEWATER RULES (IDAPA 58.01.16), THE GROUND WATER  
QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT,  
APPENDICES, AND REFERENCE DOCUMENTS. THIS PERMIT IS  
EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON  
**(60 months from issue date).**

\_\_\_\_\_  
Balthasar Buhidar, Regional Administrator  
Twin Falls Regional Office  
Idaho Department of Environmental Quality

\_\_\_\_\_  
Date:

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
1363 Fillmore St.  
Twin Falls, ID 83301  
(208) 736-2190**

**POSTING ON SITE RECOMMENDED**

## B. Permit Contents, Appendices, and Reference Documents

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### Appendices

1. Environmental Monitoring Serial Numbers
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1. Plan of Operation (Operation and Maintenance Manual)
2. Runoff Management Plan

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000048-03 and are enforceable as such. This permit does not relieve The City of Richfield, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

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## C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practices
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – Typically April 01 through October 31 (214 days)
GW	Ground Water
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
Guidance	Guidance for Land Application of Municipal and Industrial Wastewater
HLRgs	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLRgs limit is specified in Section F. Permit Limits and Conditions.
HLRngs	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. The HLRngs limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	<p>Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop:</p> <p style="text-align: center;"><math>IWR = P_{def} / E_i</math> Where:</p> <p style="text-align: center;"><math>P_{def}</math> = Precipitation deficit (crop specific)</p> <p style="text-align: center;"><math>E_i</math> = irrigation system efficiency.</p>
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per WLAP Reporting Year)
NGS	Non-Growing Season – Typically November 01 through March 31 (151 days)
NVDS	Non-Volatile Dissolved Solids ( = Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
SAR	Sodium Absorption Ratio

## C. Abbreviations, Definitions

SI	Supplemental Irrigation water applied to the land application treatment site.
Soil AWC	Soil Available Water Holding Capacity - the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids or Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride shall be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLA's) for point sources, Load Allocations (LA's) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 <i>Water Quality Standards and Wastewater Treatment Requirements</i>
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31. For example, the 2006 Reporting Year would be November 01, 2005 through October 31, 2006.
WW	Wastewater applied to the land application treatment site

## D. Facility Information

<b>Legal Name of Permittee</b>	City of Richfield
<b>Type of Wastewater</b>	Municipal Wastewater, Class D
<b>Method of Treatment</b>	Aerated lagoon, polishing lagoon, chlorine disinfection, slow rate land application
<b>Type of Facility</b>	POTW
<b>Facility Location</b>	Two lagoons and land application site located about one quarter mile SW of the City of Richfield
<b>Legal Location</b>	Township T4S, Range R19E, Section 26
<b>County</b>	Lincoln
<b>USGS Quad</b>	Richfield, Idaho
<b>Soils on Site</b>	Burch-Quencheroo-Dryck complex
<b>Depth to Ground Water</b>	Limited shallow aquifer, varies seasonally 150 feet to intermediate aquifer 300 to 340 feet to regional aquifer
<b>Beneficial Uses of Ground Water</b>	Drinking Water, Irrigation Water for Agriculture, Industrial
<b>Nearest Surface Water</b>	The Little Wood River runs along the southern border of the land application field
<b>Beneficial Uses of Surface Water</b>	Agricultural Irrigation, Cold Water Biota, Salmonid Spawning, Secondary Contact Recreation (IDAPA 58.01.02.150.06)
<b>Responsible Official</b>	Charles Buttane, Mayor
<b>Mailing Address</b>	P.O. Box 97 Richfield, Idaho 83349
<b>Phone / Fax</b>	208-487-2754 / 208-487-2754
<b>Facility Contact</b>	Jack Riley, Facility Operator
<b>Mailing Address</b>	P.O. Box 97 Richfield, Idaho 83349
<b>Phone / Fax</b>	208-487-2754 / 208-487-2754
<b>Facility Consultant</b>	JUB-Engineers, Inc.
<b>Mailing Address</b>	115 Northstar Avenue Twin Falls, Idaho 83301
<b>Phone / Fax</b>	208-733-2414 / 208-733-9455

## E. Compliance Schedule for Required Activities

The *Activities* in the following table shall be completed on or before the *Completion Date* unless modified by the Department in writing.

<b>Compliance Activity Number Completion Date</b>	<b>Compliance Activity Description</b>
<b>CA-048-01</b> <b>Prior to the addition of acreage to the site</b>	An updated Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater reuse facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The O&M manual shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include daily sampling and monitoring requirements to ensure proper operation of the wastewater treatment facility. The Plan of Operation shall contain at a minimum all of the information required by the latest revision of the Plan of Operation Checklist in the Reuse Program Guidance available at: <a href="http://www.deq.idaho.gov/water/permits_forms/permitting/guidance_reuse_0907_part_5.pdf">http://www.deq.idaho.gov/water/permits_forms/permitting/guidance_reuse_0907_part_5.pdf</a>
<b>CA-048-02</b> <b>Prior to application of wastewater on additional acreage</b>	Submit application for modification of permit as per IDAPA 58.01.17.700.02 application shall include all information required in IDAPA. Modification must be issued by DEQ prior to the application of wastewater to the additional acres.
<b>CA-048-03</b> <b>Twelve (12) Months after Permit Issuance</b>	Submit a Disinfection Management Plan that defines the approach that will be taken to meet and/or exceed the permit standard for disinfection, either by more efficient management and utilization of the current system or, if necessary, improvement to the system itself.
<b>CA-048-04</b> <b>Twelve (12) Months after Permit Issuance</b>	City of Richfield shall prepare and submit to DEQ for approval a Runoff Management Plan with control structures and other BMPs (e.g. collection basins, berms, etc.) designed to prevent runoff from any site or fields used for wastewater reuse to property not owned by City of Richfield except in the event of a 25 year, 24-hour storm event or greater, using Western Regional Climate Center (WRCC) Precipitation Frequency Map, Figure 28, 'Isopluvials of 25-YR, 24-HR Precipitation'. For this site, the 25-year, 24-hour event is 2.0 inches. Upon approval of the plan by DEQ, City of Richfield shall implement the runoff management plan, and shall construct, operate, and maintain the control structures and other BMPs in accordance with the plan. In addition, install a two to three foot high berm around the southern portion of the site including the area near the cutoff loop of the Little Wood River and the portion of the irrigation ditch that runs closer to the site than 50 feet.

### E. Compliance Schedule for Required Activities

<b>Compliance Activity Number Completion Date</b>	<b>Compliance Activity Description</b>
<b>CA-048-05 Six (6) Months after Permit Issuance</b>	Documentation verifying that the permittee has adequate access to supplemental irrigation shall be submitted to the Department for review. Said documentation shall include all water rights, location of the water right(s), and methods of conveyance to and distribution of the water to the site.
<b>CA-048-06 Six (6) Months prior to Permit Expiration</b>	Submit an application for renewal of the wastewater reuse permit.

## F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Type of Wastewater	Municipal Wastewater, Class D
Application Site Area	3.5 acres, see site map (Figure 3) in Appendix no. 2
Application Season	Growing season only
Growing Season (GS)	April 1 through October 31 (214 days)
Non-growing Season (NGS)	November 1 through March 31 (151 days)
Reporting Year for Annual Loading Rates	November 1 through October 31
Growing Season Hydraulic Loading Rate, each HMU (Applies to wastewater and supplemental irrigation water)	Growing Season (GS) Hydraulic Loading Rate shall be substantially equal to the Irrigation Water Requirement (IWR) for the crop in question throughout the growing season (See Section C definitions) IWR shall be determined based upon the Precipitation Deficit (Pdef) data from the U.S. Bureau of Reclamation Fairfield, Idaho AgriMet Station (FAFI), available at <a href="http://www.kimberly.uidaho.edu/ETIdaho">http://www.kimberly.uidaho.edu/ETIdaho</a> and an Irrigation Efficiency of 60%.
Livestock Grazing	Grazing not allowed
Ground Water Quality	Ground water quality shall be in compliance with the Ground Water Quality Rule (GWQR), IDAPA 58.01.11.
Maximum COD Loading, seasonal average in Pounds/acre-day, each HMU	50 pounds / acre-day seasonal average for growing season.
Maximum Nitrogen Loading	150% of typical crop uptake (see Section C definitions)



## F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Rate, pounds/acre-year, each HMU (from all sources including waste solids and supplemental fertilizers)	
Maximum Phosphorus Loading Rate, pounds/acre-year (from all sources including waste solids and supplemental fertilizers)	150% of typical crop uptake (see Section C definitions)
Construction Plans	Prior to construction or modification of all wastewater facilities associated with the land application system or expansion, detailed plans and specifications shall be submitted for review and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for DEQ review and approval.
Buffer Zones and Disinfection Requirements	<p>All buffer zones must comply with, at minimum, local zoning ordinances. Other minimum buffer zones are as follows:</p> <ul style="list-style-type: none"> <li>• 300 ft from reuse site and inhabited dwellings</li> <li>• 50 ft from reuse site and areas accessible by the public</li> <li>• 50 ft from reuse site and permanent and intermittent surface water*</li> <li>• 50 ft from reuse site and irrigation ditches and canals*</li> <li>• 500 ft from reuse site and private water supply wells</li> <li>• 1000 ft from reuse site and public water supply wells</li> </ul>

## F. Permit Limits and Conditions

Category	Permit Limits and Conditions
	<ul style="list-style-type: none"> <li>Following submission of documentation of the completion of CA-48-03 buffer zone for the “cutoff loop” of the Little Wood River and the portion of the irrigation ditch that is closer to the site than 50 feet shall be 35 ft.</li> </ul>
Disinfection	Class D effluent shall be considered adequately disinfected if, at some location in the <b>system, following final treatment and disinfection contact time</b> , the median number of total coliform organisms does not exceed 230 cfu/100 mL, not to exceed 2,300 cfu/100 mL in any confirmed sample, as determined from the bacteriological results of the last 3 days for which analyses have been completed (IDAPA 58.01.17.600.d).
Supplemental Irrigation Water Protection	For systems with wastewater and fresh irrigation water interconnections, DEQ-approved backflow prevention devices are required.
Odor Management	The wastewater treatment and land application facilities shall not create a public health hazard or nuisance conditions, including odors.
Fencing and Posting	Chain link fencing and warning signs are required every 500 ft around the treatment facility. Signs should read “Wastewater Treatment Facility – Keep Out” or equivalent.
Runoff Control	Runoff shall be managed in accordance with the most recent Runoff Management Plan approved by DEQ.
Allowable Crops	Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed.

## G. Monitoring Requirements

The Permittee is allowed to apply wastewater and treat it on a land application site as prescribed in the table below and in accordance with all other applicable permit conditions and schedules.

- 1) Appropriate analytical methods, as given in the *Idaho Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the facility's Quality Assurance Project Plan (QAPP).
- 2) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.
- 3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 4) Unless otherwise agreed to in writing by DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table on the following pages. Wastewater monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown.
- 5) Five (5) soil sample locations shall be selected for Soil Monitoring Unit SU-04801. Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches, or refusal. The soil samples collected at each depth shall be composited to yield three (3) samples for analysis.
- 6) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.
- 7) Monitoring locations are defined in Appendix 1, "Environmental Monitoring Serial Numbers".

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## G. Monitoring Requirements

**Table G-1. Facility Monitoring Table**

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Daily	Flow meter	Flow of wastewater to each HMU	Volume (million gallons and acre-inches) to each hydraulic management unit (HMU), record daily, compile monthly
Monthly	Effluent to land application	Wastewater quality into land application system – Grab sample	Chemical Oxygen Demand (COD), Total Kjeldahl Nitrogen, Nitrite + Nitrate-Nitrogen, Total Phosphorus, Chloride, pH, Total Dissolved Solids (TDS), Volatile Dissolved Solids (VDS), Total Coliform
Daily	Flow meter or Calibrated Pump Rate	Supplemental Irrigation Water	Volume (million gallons and acre-inches) to MU-04801, record daily, compile monthly
Annually (April)	Soil Management Unit SU-04801	Soil See Note 5 above.	Electrical Conductivity, Nitrate-Nitrogen, Ammonium Nitrogen, Plant Available Phosphorus, pH, % organic matter,

## G. Monitoring Requirements

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
			potassium, and SAR.  Note: Conduct DTPA Fe and Mn analyses April 2009 and 2013 only.
Annually	Hydraulic Management Unit MU-04801	Calculate GS wastewater loading rate	Million gallons/HMU & Inches/acre for each HMU
		Calculate Season-Specific Irrigation Water Requirement for comparison with GS hydraulic loading.	Inches/acre-month for each crop type
		Calculate seasonal average COD loading rate for GS	Pounds/acre-day
		Calculate wastewater nitrogen and phosphorus loading rates	Pounds/acre-year
		Report nitrogen and phosphorus fertilizer application rates	Type and Pounds/acre-year

## G. Monitoring Requirements

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
		Calculate nitrogen and phosphorus application rates from waste solids	Pounds/acre-year
Each Harvest or Cutting	Hydraulic Management Unit MU-04801	Crop type and yield, each crop, each harvest	Pounds/acre and total pounds per HMU (both wet and dry basis)
		Plant tissue analysis: Composite sample of harvested portion for each crop	Nitrate-nitrogen, Total Kjeldahl Nitrogen, Total Phosphorus, ash (dry basis)
		Calculate crop nitrogen, phosphorus, and ash removal for each crop, each harvest	Pounds/acre and total pounds per HMU (dry basis). Compile each harvest and annual totals.

## G. Monitoring Requirements

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Annually	All supplemental irrigation pumps directly connected to the wastewater distribution system.	Backflow testing	Document the testing of all backflow prevention devices for all supplemental irrigation pumps directly connected to the wastewater distribution system(s). Report the testing date(s) and results of the test (pass or fail). If any test failed, report the date of repair or replacement of backflow prevention device, and if the repaired/replaced device is operating correctly.

## H. Standard Reporting Requirements

- 1.) The Permittee shall submit an Annual Wastewater Reuse Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year, which shall cover the previous reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.
- 2.) The annual report shall contain the results of the required monitoring as described in *Section G. Monitoring Requirements*. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report. The report shall also include ground water contour map(s) for each ground water monitoring event during the reporting year, as specified in Table G-1.
- 3.) The annual report shall be submitted to the Engineering Manager in the following Regional DEQ Office.

David Anderson  
Twin Falls Regional Office  
1363 Fillmore  
Twin Falls, ID 83402  
208-736-2190

A copy of the annual report shall also be mailed to:

Richard Huddleston, P.E.  
Wastewater Program Manager  
1410 N. Hilton  
Boise, ID 83706  
208-373-0561

- 4.) Notice of completion of any work described in *Section E. Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.
- 5.) All laboratory reports containing the sample results for monitoring required by *Section G. Monitoring Requirements* of this permit shall be submitted with the Annual Report.

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## I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater Reuse Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.
2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site. Wastewater discharges to surface water that require a permit under the Clean Water Act must be authorized by the U.S. Environmental Protection Agency.
3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.16.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:
  - a. Apply wastewater as evenly as practicable to the treatment area;
  - b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
  - c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.
4. The permittee shall:
  - a. Manage the wastewater reuse treatment site as an agronomic operation where vegetative cover is grown and harvested to utilize the nutrients and minerals in the wastewater, and,
  - b. Not hydraulically overload any particular areas of the wastewater reuse treatment site.
5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.
6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Wastewater Reuse Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.
7. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
  - a. Enter the permitted facility,
  - b. Inspect any records that must be kept under the conditions of the permit.
  - c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
  - d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.
8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:
  - a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
  - b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
  - c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

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## I. Standard Permit Conditions: Procedures and Reporting

DEQ Regional Office: see Permit Certificate Page  
Emergency 24 Hour Number: 1-800-632-8000

- d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
    - i. A description of the non-compliance and its cause;
    - ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
    - iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.
  - e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.
9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.
  10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

## J. Standard Permit Conditions: Modifications, Violation, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.
2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.
3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in Section I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.
4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
5. Any person violating any provision of the Wastewater Reuse Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars (\$10,000) or one thousand dollars (\$1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.
6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Reuse Permit Regulations.
7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.
8. If, pursuant to Idaho Code, 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.
9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.
10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

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Appendix 1  
Environmental Monitoring Serial Numbers

**HYDRAULIC MANAGEMENT UNITS**

<b>Current Serial Number</b>	<b>Description</b>	<b>Acres</b>
MU-04801	Gated pipe gravity irrigation site	3.5

**WASTEWATER SAMPLING POINTS**

<b>Serial Number</b>	<b>Description</b>
WW-04801	Effluent to land application system

Appendix 1  
Environmental Monitoring Serial Numbers  
**SOIL MONITORING UNITS**

<b>Current Serial Number</b>	<b>Description</b>	<b>Current Associated MU</b>
SU-04801	Gated pipe gravity irrigation site	MU-04801

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## Appendix 2 Site Maps

### Site Maps

- a) Figure 1. City of Richfield Vicinity Map. JUB Figure 2-1, 5/29/2007.
- b) Figure 2. City of Richfield USGS Map and Reuse Site Vicinity Map. JUB Figure 2-2, 5/29/2007.
- c) Figure 3. City of Richfield FEMA Flood Zone Map.

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Appendix 2  
Site Maps

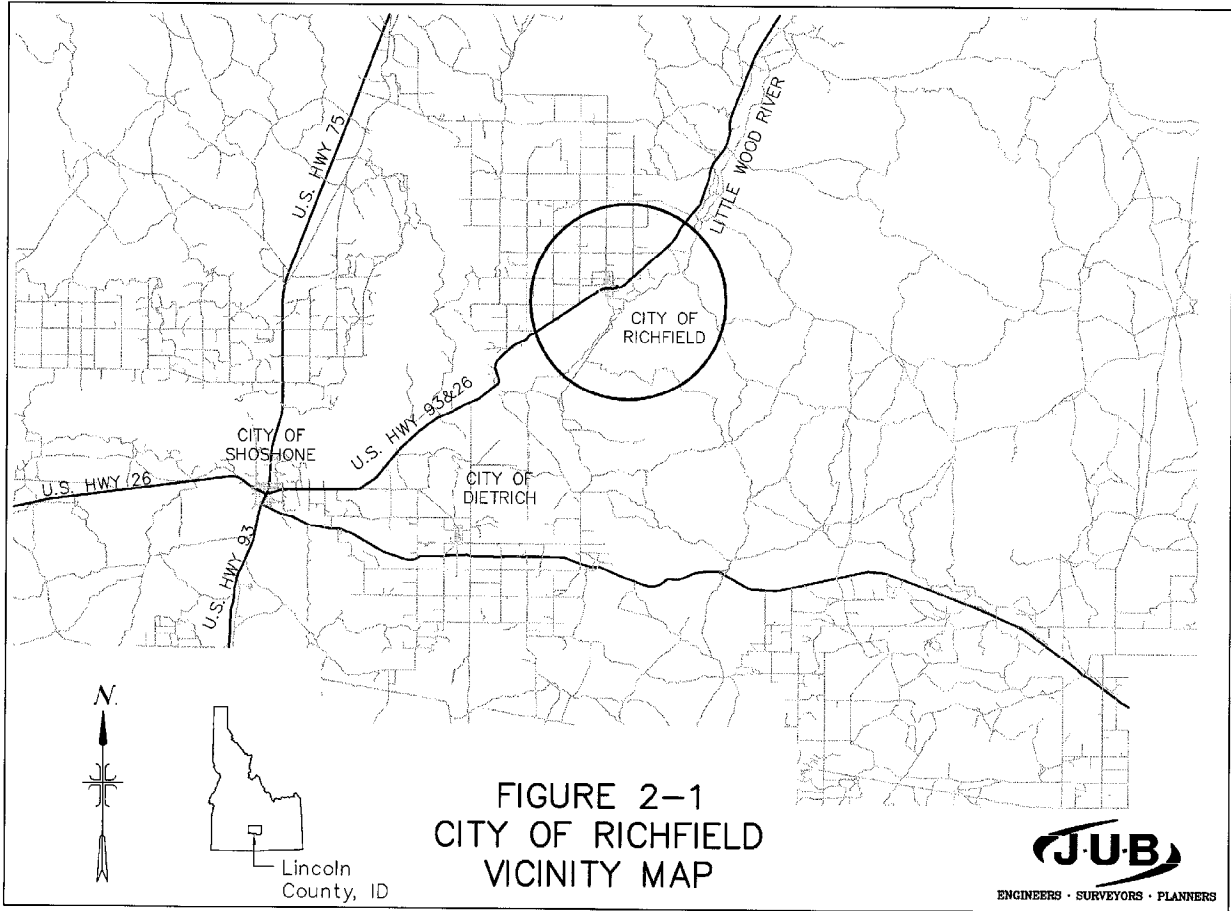
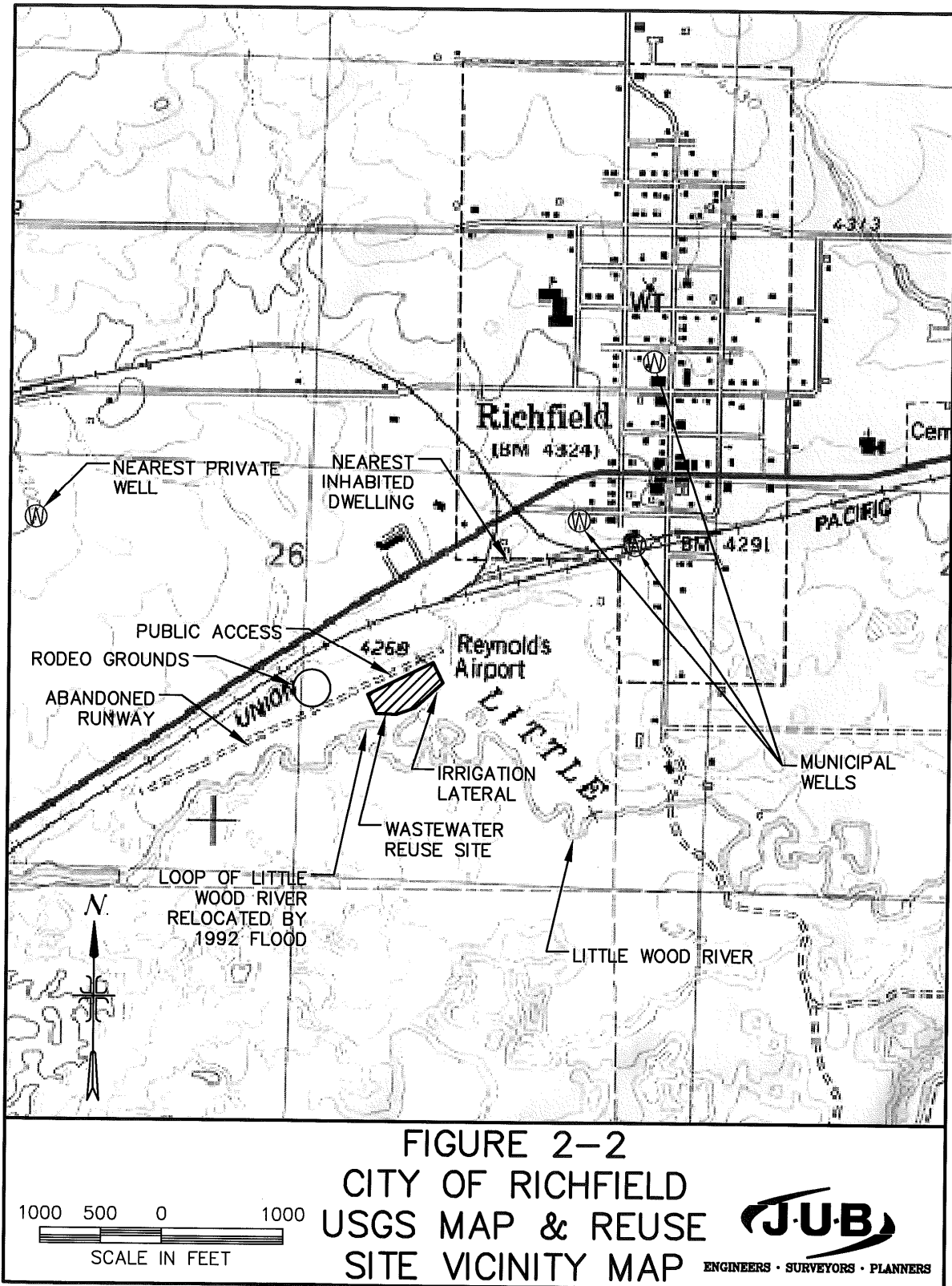


Figure 1. City of Richfield Vicinity Map.

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# Appendix 2 Site Maps





## Appendix 2 Site Maps

Figure 2. City of Richfield USGS Map and Reuse Site Vicinity Map.

Figure 4-2. FEMA Flood Zone Map

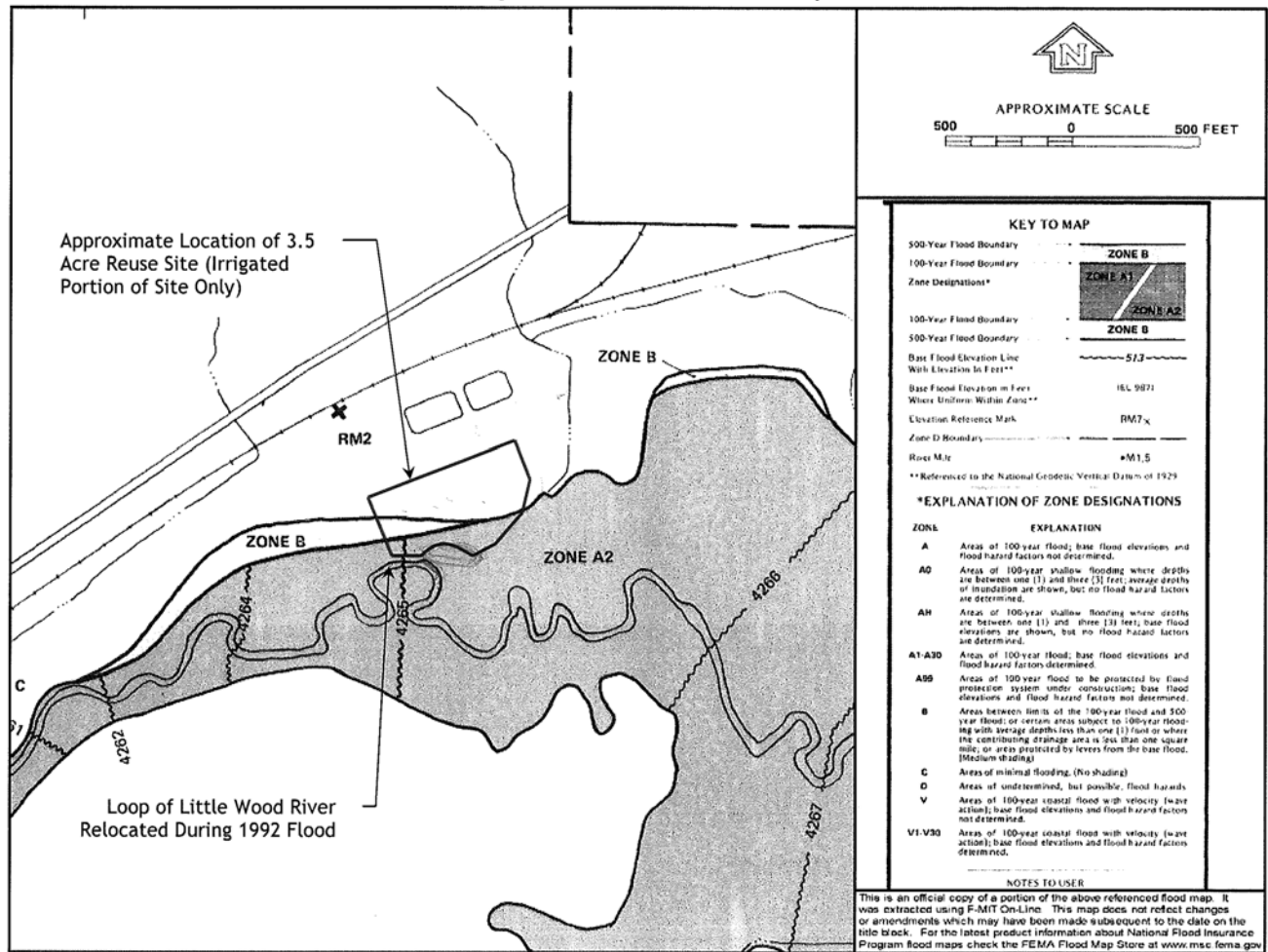


Figure 3. City of Richfield FEMA Flood Zone Map.